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/Joy Kim/

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Applicant: BAMDAD, Cynthia C.

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Title: **OLIGONUCLEOTIDE IDENTIFIERS**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

Non-Patent Literatures:

Wiebe, Li, "Drug Delivery Systems—Fifth US-Japan Symposium. 12-17 December 1999, Lahaina, Hawaii," IDrugs, 2000 March; 3(3):277-9.
Sachdeva, MS, "Drug targeting systems for cancer chemotherapy," Expert Opin Investig Drugs, 1998 Nov; 7(11):1849-64.
Demers, LM, et al., "A fluorescence-based method for determining the surface coverage and hybridization efficiency of thiol-capped oligonucleotides bound to gold thin films and nanoparticles," Anal Chem, 2000 Nov 15; 72(22):5535-41.
Taton, TA, et al., "Scanometric DNA array detection with nanoparticle probes," Science, 2000 Sep 8; 289(5485):1757-60.
Lin, L, et al., "Study on colloidal Au-enhanced DNA sensing by quartz crystal microbalance," Biochem Biophys Res Commun., 2000 Aug 11; 274(3):817-20.

Barratt, GM, "Therapeutic applications of colloidal drug carriers," Pharm Sci Technolo Today, 2000 May; 3(5):163-171.
Letsinger, RL, et al., "Use of a steroid cyclic disulfide anchor in constructing gold nanoparticle-oligonucleotide conjugates," Bioconjug Chem., 2000 Mar-Apr; 11(2):289-91.
Tondelli, L., et al., "Specifically designed polymeric nanopsheres increase cellular uptake of unmodified antisense ODNs," Nucleosides & Nucleotides, 1999 Jun-July; 18(6-7):1677-9.
Zimmer, A., "Antisense oligonucleotide delivery with polyhexylecyanoacrylate nanoparticles as carriers," Methods, 1999 Jul; 18(3):286-95, 322.
Aynie, I., et al. "Sponglike alginate nanoparticles as a new potential system for the delivery of antisense oligonucleotides," Antisense Nucleic Acid Drug Dev., 1999 Jun; 9(3):301-12.
Maier et al., "Quantitation of phosphorothioate oligonucleotides in human blood plasma using a nanoparticle-based method for solid-phase extraction," Anal Chem., 1998 Jun 1; 70(11):2197-204
Fritz, H., et al., "Cationic Polystyrene Nanoparticles: Preparation and Characterization of a Model Drug Carrier System for Antisense Oligonucleotides," J Colloid Interface Sci., 1997 Nov 15; 195(2): 272-88.
Zobel, HP, et al., "Cationic polyhexylecyanoacrylate nanoparticles as carriers for antisense oligonucleotides," Antisense Nucleic Acid Drug Dev., 1997 Oct; 7(5):483-93.
Elghanian, R., et al., "Selective colorimetric detection of polynucleotides based on the distance-dependent optical properties of gold nanoparticles," Science, 1997 Aug 22; 277(5329):1078-81.
Schwab, G. et al., "Antisense oligonucleotides adsorbed to polyalkylecyanoacrylate nanoparticles specifically inhibit mutated H-ras-mediated cell proliferation and tumorigenicity in nude mice," Proc Natl Acad Sci USA, 1994 Oct 25; 91(22):10460-4.
Battersby, BJ, et al., "Toward Larger Chemical Libraries: Encoding with Fluorescent Colloids in Combinatorial Chemistry," J. Am. Chem. Soc., 2000; 122:2138-2139.
Coester, C., et al., "Preparation of avidin-labelled gelatin nanoparticles as carriers for biotinylated peptide nucleic acid (PNA)," Int. J. Pharm., 2000 March; 196: 147-149.
Shaiu, et al., "Atomic force microscopy of oriented linear DNA molecules labeled with 5nm gold spheres," Nucleic Acids Research, 1993; 21(1):99-103.

U.S. Patent Document:

5,922,624, July 13, 1999

Foreign Patent Documents:

WO 00/43791, July 27, 2000
WO 99/45149, September 10, 1999
WO 00/33079, June 8, 2000
JP 10-507357A, July 21, 1998

It is respectfully requested that the Examiner indicate consideration of the cited references by returning copies of the attached forms [**PTO/SB/08A and/or PTO/SB/08B**] (substitutes for form 1449/PTO) with initials or other appropriate marks, and that the references be made of record as cited references in the application.

The Commissioner is authorized to charge JHK Law's Deposit Account No. **502486** for any fees required under 37 CFR §§ 1.16 and 1.17 and to credit any overpayment to said Deposit Account No. **502486**.

Respectfully submitted,

JHK Law

Dated: February 26, 2010

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